Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 25 Dec 2022 until 23:59 on Monday 26 Dec 2022

Forecast Issued on Sunday 25 Dec 2022 at 02:05

Confidence: High for occasionally unsettled but lowering confidence in the timing of worst of conditions due to the mobile nature of the weather systems.

Headline for Sunday 25 Dec 2022: A showery Christmas, with some outbreaks heavy. Breezy at height.

Mountain weather hazards on Sunday 25 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Light rain showers	Heavy rain showers	Heavy rain showers	Sleet	Sleet
Precipitation probability					
50%	40%	60%	60%	50%	40%

Forecast for Sunday 25 Dec 2022

Weather: A showery Christmas, with outbreaks heavy at times, bringing the risk of hail and thunder to western most parts of the Park. Outbreaks wintry across highest peaks through much of the day, with snow level descending during the evening, reaching 400m by midnight.

Chance of cloud-free hill tops above 800m: 70% for any given time but little chance of extended clear periods given the showery nature of the flow.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases occasional from 500m.

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Forecast for Sunday 25 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	46/54 SW	42/50 SW	37/46 SW	34/42 SW	28/35 SW	26/32 W	31/38 NW
600	41/53 SW	37/48 SW	32/43 SW	29/39 SW	20/27 SW	19/26 W	21/30 NW
300	15/38 SW	13/34 SW	12/32 SW	11/29 SW	7/24 SW	8/23 W	10/27 NW
Valley	12/34 SW	11/31 S	12/29 S	10/25 SW	5/18 SW	9/23 NW	11/26 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-5	3/-4	3/-4	3/-4	2/-5	0/-7	-2/-11
600	5/-2	5/-2	5/-2	5/-1	4/-2	2/-4	-0/-7
300	7/3	7/3	7/3	6/3	6/4	4/0	2/-2
Valley	8/5	8/5	8/5	8/6	8/6	5/3	4/1
Freezing Level*	1200m	1300m	1300m	1300m	1300m	800m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts reaching 50mph across most exposed ridges and summits, bringing a severe wind chill here.

Forecast for Monday 26 Dec 2022

Weather: Scattered showers and brighter spells with snow level 400-500m.

Maximum wind: West to southwest mean 25-30mph with gusts reaching 40-45mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 800m: 80% for any given time but much lower of extended clear periods given the showery nature of the flow.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases infrequently lowering 500m, mostly as showers push through

Temperature: **Valleys:** Zero Celsius increasing 6 Celsius for the afternoon
At 800m: Minus 2-3 Celsius
Freezing level: 500-600m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 24 December 2022 Location: Helvellyn summit at 11:30 Full report: A relatively warm and wet day on the Lake District fells with plenty of low cloud to test the navigation skills. The verglas (black ice) which made yesterday's ascent tricky has all thawed and todays climb was on wet rock, a few patches of easily avoided ice and a sprinkling of thawing new snow above 850m - a clear illustration of how quickly conditions can change on the fells. The final exit slopes to Striding and Swirral Edge sported a reasonable covering of snow and ice which rewarded a careful approach. Generally winter has retreated from the fells and sensible choices on warm and waterproof clothing, navigation equipment and a headtorch should allow folk to have an enjoyable and safe day out. However a small drop in temperature could quickly generate verglas so microspikes and trekking poles are still a sensible addition to your kit. Conditions on Christmas day are forecast to be a lot more challenging with heavy wintery showers and 50mph gusts. Temperature: plus 2.5 C, Maximum wind speed 23.6 mph, Wind chill: minus 2.7 C, Average wind speed: 14.1 mph Issued at: 02:05 on Sun 25 Dec 2022

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